

STATE OF CALIFORNIA CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 2: Generation Study - Includes Extrapolation of Residential or Non-Residential Diversion Data

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, 9th Floor
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the ONE choice below that best explains your request to the Board.

1. Use a recent generation-based study to calculate our current reporting-year generation amount, but not officially change our existing Board-approved base year.

2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative.

Section I: Jurisdiction Information and Certification			
<i>All respondents must complete this section.</i>			
I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:			
Jurisdiction Name San Joaquin County- Unincorporated		County San Joaquin County	
Authorized Signature 		Title Solid Waste Manager	
Type/Print Name of Person Signing Tom Horton		Date 7/25/02	Phone () (209) 468-3066
Person Completing This Form (please print or type) Scott Essin		Title Management Analyst I	
Affiliation: San Joaquin County- Public Works Solid Waste Division			
Mailing Address P.O. Box 1810		City Stockton	State CA
			ZIP Code 95201
E-mail address swrecycle2@co.san-joaquin.ca.us			

Section II: Information for New Generation-Based Study

Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4).

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base-year:	2. Proposed new generation-based study year:
1990	2000

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

Additional information has been obtained that demonstrates a higher amount of waste generation. We have conducted a grasscycling generation study to more accurately reflect greenwaste generation and diversion. J.D. Franz Research conducted the study on our behalf. In addition we have conducted waste audits to provide a more accurate assessment of waste generation/diversion by the business sector. Finally we have included numbers in this report to reflect recycling tonnage in the private sectors. These numbers provide a more accurate picture of the waste generated and diverted in the San Joaquin County- Unincorporated Jurisdiction.

4. Enter your diversion rates below.

Diversion rate calculated using existing base year	a. 43 %	Diversion rate calculated using new generation-based study	b. 76 %
For existing base year pounds/person/day based on generation	7	For new generation based study pounds/person/day based on generation	20
Residential generation 43 % Non-Residential generation 57 %		Residential generation 31 % Non-Residential generation 69 %	
Population existing generation-based study	124747	Population new generation-based study	129,918

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide examples, e.g. change in jurisdiction's demographics.

The 1990 base year generation tonnages did not include a significant amount of waste generation. Because waste generation was undocumented it was under reported. It followed that the waste generation and diversion numbers were also under reported. Using higher generation/diversion numbers increases lbs./person/day. It should be noted that documentation of diversion has demonstrated a significant increase to create a lower amount of landfill tonnage in the San-Joaquin County-Unincorporated Jurisdiction.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

We have included the FTG Construction Materials and Granite Construction Company generation/diversion numbers in this years annual report. These companies document significant amounts of concrete and asphalt that are generated and then recycled to be used as construction materials. To avoid double counting we have deducted the inert diversion amounts from all waste audits. A13These businesses have been approved throught the County Permit Process. As mentioned previously we commissioned J.D. Franz Research to determine the amount of grass that is reused through grasscycling in the non-mandated portion of San Joaquin County-Unincorporated Area. Finally we conducted waste audits of the business sector. These audits documented significant amounts of generation and diversion that were not counted previously.

7. Disposal Tonnage: (enter values)		35757	78471	114228
		Residential	Non-Residential	Total

Please select the ONE choice below that best explains your disposal data and complete the required tables.

a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at <http://www.ciwmb.ca.gov/lgcentral/forms/rytmdrq.doc>)

c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at <http://www.ciwmb.ca.gov/lgcentral/forms/rytmdrq.doc>)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. (Note: the Board expects the jurisdictions to be able to provide all back-up documentation, if requested.) Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes (i.e., agricultural wastes, inert solids (e.g. concrete, asphalt, dirt, etc.), white goods, and scrap metal), please identify those programs/waste types and fill out section 11. Note: Restricted waste material should not be extrapolated in non-residential waste audits. Please mark as attachment 8 all copies of survey forms.

* Please provide detailed non-residential waste audit information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.

Diversion Activity	Actual tons	Estimated or extrapolated tons	Total tons	Relative Percent to Total Generation (A+B)/Total Generation	Specific material type(s)	Specific conversion factor used (if any) and Source	Type of record and location of record
Residential Activities:							
Source Reduction							
Backyard composting					See J.D.Franz Research Rpt		
Grasscycling		65541	65541	13.8%	Grasscycling	8 tons/acre. CIWMB Wk-Shop	J.D. Franz Research Report
Other residential source reduction (list each program separately)							
Recycling Exemption		109	109	0.0%	Adjusted down from 7436 tons	See Backyard Compost. Sheet	00 Annual Report\B2 \ResidCollection Exempt
Enter program name							
Enter program name							
Subtotal Res. Source Reduction	0	65650	65650	13.8%			
Recycling							
Curbside Recycling	2148	N/A	2148.12	0.5%			00 Annual Report\B2 \Res. Rec.
Buyback centers	7258	N/A	7257.5	1.5%			00 Annual Report\B2 \Buy Back Ctrs
Drop-off centers		N/A			See Garage Sales/Thrift Store Program		00 Annual Report\B2 \Garage ThriftStores

Diversion Activity	Actual tons (A)	Estimated or extrapolated tons (B)	Total tons (A+B)	Relative Percent to Total Generation (A+B)/Total Generation	Specific material type(s) (List programs with multiple materials together)	Specific conversion factor used (if any) and Source	Type of record and location of record
Other residential recycling							
Thrift Shops (list each program separately)	1860.3		1860.3	0.4%	Various	19 Thrift Store X 425.7 Tons	Notes: Thrift Store Tonnages- Solid Waste Div.
Garage Sales	717.8		717.8	0.2%	Various	.35 tons x 8653 sales 23.7%	Notes: Garage Sales Tonnages- Sol. Waste Div.
Enter program name							
Enter program name							
Subtotal Residential Recycling	11984		11983.72	2.5%			
Composting							
Green waste drop-off		N/A			Tons @ MRF	See MRF Program Schedule	
Curbside green waste	0	N/A			Tons @ Sunset	Miss Res. Recycling Schedule	
Christmas Tree program		N/A			None		
Other residential composting (list each program separately)							
Composting Facility	14682	N/A	14682.1	3.1%	Greenwaste	Actual tons/ by pop. %	00 Annual Report/b2 \Compost Facility
Enter program name		N/A					
Enter program name		N/A					
Enter program name		N/A					
Enter program name		N/A					
Subtotal Residential Composting	14682		14682.1	3.1%			
Subtotal Residential Diversion	26666	65650	92315.82	19.5%			
Non-Residential Activities:							
Source Reduction							
Non-residential Waste Audits*		85993	85992.86	18.1%		See Section 9	See Section 9
Other non-residential source reduction (list each program separately)							
Xeriscaping/Grasscycling	7488	N/A	7488.2	1.6%			00 Annual Report/b2 \Grasscycling
Institutional Waste Diversion	8285	N/A	8285	1.7%			00 Annual Report/b2 \SI Audit Quantities
Enter program name		N/A					
Subtotal Non-Residential Source Reduction	15773	85992.86	101766.06	21.5%			

Diversion Activity	Actual tons	Estimated or extrapolated tons	Total tons	Relative Percent to Total Generation (A+B)/Total Generation	Specific material type(s) (List programs with multiple materials together)	Specific conversion factor used (if any) and Source	Type of record and location of record
Recycling							
Non-residential Waste Audits*		86529	86529.24	18.2%	See Section 9	See Section 9	See Section 9
Other non-residential recycling (list each program separately)							
Com/Ind Recycling	8697	N/A	8696.61	1.8%			100 Annual Report/b2 Com. Ind
MRF/Recycling Centers	26641	N/A	26640.76	5.6%			100 Annual Report/b2 MRF Rec. Cent.
Inerts	29192	N/A	29191.5	6.2%			100 Annual Report/b2 Inerts
Enter program name		N/A					
Enter program name		N/A					
Subtotal Non-Residential Recycling	64529	86529.24	151058.11	31.9%			
Composting							
Non-residential Waste Audits*		14868	14868	3.1%	See Section 9	See Section 9	See Section 9
Other non-residential composting (list each program separately)							
Cal-Trans Greenwaste	12	N/A	12	0.0%			100 Annual Report/b2 CalTrans
Enter program name		N/A					
Enter program name		N/A					
Enter program name		N/A					
Enter program name		N/A					
Subtotal Non-Residential Composting	12	14868	14880	3.1%			
Subtotal Non-Residential Diversion	80314	187390.1	267704.17	56.4%			
Residential/Non-residential Diversion Activities							
ADC		N/A					
Sludge		N/A					
Scrap metal		N/A					
Construction and demolition		N/A					
Landfill salvage		N/A					
Subtotal Residential/Non-Residential Diversion	0		12	0.0%			

Diversion Activity	Actual tons (A)	Estimated or extrapolated tons (B)	Total tons (A+B)	Relative Percent to Total Generation (A+B)/Total Generation	Specific material type(s) (List programs with multiple materials together)	Specific conversion factor used (if any) and Source	Type of record and location of record
<p>Please use the Board's program types. The program type glossary is online at: http://www.ciwmb.ca.gov/LGCentral/PARIS/Codes/Reduce.htm</p>							
Total Res/Non-Res Source Reduction Tons	15773	151643	167416	35.3%			
Total Diversion Tons	106980	253040.1	360019.99	76%			
Total Disposal Tons from Sec.7	114228		114228	24.1%			
Total Generation (Div+Dis)	221208	253040.1	474247.99				
Diversion Rate				76%			

9. Specific Non-Residential Sector Waste Audits -- Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from the largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets. (Form will perform all calculations).

Include attachment, marked attachment 9, which includes a summary of all the generators surveyed and all extrapolation calculations used to estimate the diversion rate:

- Include copies of survey form(s) used.
- Include for each generator (use type of generator in lieu of specific generator name, e.g. grocery store) each specific diversion activity and material type (e.g. cardboard recycling) and the associated tonnage for each diversion activity/material type, and applicable conversion factors/source.
- If using number of employees for your extrapolation method, include this information for each generator surveyed.
- Please order the non-residential generators, largest to smallest, based on total diversion tons.
- Also, summary should include the generators that were selected to be surveyed, but did not respond to the survey and the number of employees at each generator.
- As a comparison between disposal from the waste audits and DRS, the disposal for each generator must be included in the summary. Also, you should note if the disposal is being used for the extrapolation calculation. For each non-residential generator, the disposal must be broken out by cubic yard, and roll-off or compactor weights. If disposal was estimated for either disposal-based or employment-based extrapolation methods, please include conversion factor(s) for disposal and source for conversion factor(s). Please provide an explanation as to how the conversion factor(s) is (are) appropriate for your jurisdiction, e.g. study was conducted to determine average weights using hauler weight tickets, etc.

Type of Non-residential Generator	Audit Reference Number	Specific Diversion Activities Include material type (e.g. paper recycling, grasscycling). (List activities on one line)	Number of Employees	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Tons/Total Generation in Section 6)	Survey Method Phone (P) Mail (M) On-site (O) Other _____
Tomato Canning Co.	00271	Food, Cardboard, Aluminum		24	75114		75137.5	15.8%	O/M/P
Sugar Refinery	00272	Food By Product, Pallets		36206	0	868	37074.2	7.8%	O/M/P
Cola Bottler	00273	Vending Machines, Pallets		20875	1246		22121.65	4.7%	O/M/P
Don Lawley Company	00028	Concrete, Grasscycling		19900	0		19900.12	4.2%	O/M/P
Winery	00252	Organics, Pallets, Glass		202	153	14000	14354.98	3.0%	O/M/P
Winery	00223	Organics, Pallets, Glass		12602	1519		14121.37	3.0%	O/M/P
Water Transmission Co	00236	Concrete, Ferrous Metals		75	8544		8618.99	1.8%	O/M/P
Paper Manufacturer	00270	Cardboard, Paper, Pallets		284	3781		4064.02	0.9%	O/M/P
Construction Company	00273	Asphalt, Concrete, Ferr. Metals		1	2563		2564.48	0.5%	O/M/P
S.J Co Parks & Recreation		Grasscycling		2175	0		2175	0.5%	O/M/P
Totals				92344	92920	14868	200132		

Summarize the non-residential diversion activities for the top 10 generators quantification methodology and applicable conversion factors and sources. (e.g. cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business)

In 1999 all of the above sites were visited and a complete waste audit was performed on-site. In 2000 all previous sites received a letter requesting an up date on recycling numbers for their facility. As a follow up phone calls were made to the top ten waste diverters. Numbers were recalculated and methods of determining waste tonnage were verified. Most facilities estimated their waste tonnage based on the size of the container they were placing the various kinds of waste. The amount of tonnage was then estimated using conversion factors as provided during C.I.W.M.B. workshops that were attended by San Joaquin County Solid Waste Staff. In some cases it was necessary to weigh a sample container to determine tonnage. The total number of containers were then estimated based on how many containers were used on the average work day. The number of work days were then multiplied times the number of containers the product of these calculations were then multiplied times the number of pounds each container weighed.

10. On a separate sheet of paper, marked attachment 10, provide the following information for each diversion program listed in section 8 that was extrapolated from representative sampling. (Note: Do not include non-respondents in extrapolation because there is no data from the non-respondents. Extrapolate from survey respondents.)

A. Describe sampling method including:

- Type of sampling method (for either stratified or cluster sampling provide detailed information on how strata and clusters were collected.);
- Total number of samples included in the survey;
- Number of non-respondents and respondents;
- Total population;
- Source for identifying population (e.g. city business licenses, commercial database, resident's addresses, etc.);
- Relation of sample size to total population;
- Survey data collection tool(s) and approaches;
- Confidence level and margin of error for the sampled population;
- Outliers (specific generators which fall significantly above or below others) should be removed from base amount prior to extrapolation; and
- Unusual outliers and exceptional anomalies should be described in detail.

B. Describe the methods used to prevent double-counting between the surveys and the reported tonnages from haulers, recyclers, MRFs and composters.

C. Describe extrapolation method including:

- Basis of extrapolation;
- Why this extrapolation method is appropriate; and
- Sources of information used for extrapolation, such as disposal or employment.
- Include all Calculations.

11. For each restricted waste type [(i.e. agricultural waste, inert solids (e.g. concrete, asphalt, dirt, etc.), scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table:

(Note: program name refers to one specific diversion program for that waste type, for example diversion conducted by City Public Waste Dept.)

Restricted Waste Type	Specific Program name	Year started	Tonnage
Inert Solids ▼			
Inert Solids ▼			
Inert Solids ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 11b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 11b for that waste type and program. Instead please provide date of Board approval of previous submitted information.) _____ (Date)

If documentation is not available, go to 11d.

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is applicable to the entire jurisdiction, not to individual programs [PRC Sec. 41781.2 (c) (2)]). Please include documentation.
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 11b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New base year or reporting year diversion tonnage
Inert Solids ▼		
Inert Solids ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		

d. If the diversion program started before January 1, 1990, and the documentation requested in 11b is not available, please complete the table below for each program claimed. (Note: Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.)

Restricted Waste Type	Specific Program name	New base year or reporting year tonnage	1990 diversion tonnage	Difference
Pull Down for Waste Types ▼	Public Works levee Rip Rap Progra	50444		
Pull Down for Waste Types ▼	Concrete Asphalt-FTG	27382		
Pull Down for Waste Types ▼	Concrete Asphalt-Granite Constructi	12190		
Pull Down for Waste Types ▼	TOTAL	90016	64127	25889
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				

APPENDIX B-2-BUSINESS WASTE REDUCTION PROGRAM

BUSINESS	TONS		TONS		TONS		TONS		TONS		TONS		TONS		TONS		TONS		TONS		TOTAL		NET TONS
	WASTE	RECYCLED	WASTE	RECYCLED	WASTE	RECYCLED	WASTE	RECYCLED	WASTE	RECYCLED	WASTE	RECYCLED	WASTE	RECYCLED	WASTE	RECYCLED	WASTE	RECYCLED	WASTE	RECYCLED	WASTE	RECYCLED	
Delicate Vineyards	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Robert Mondavi Winery	302.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alpine Meats	288	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tri-Valley Grower/Thompson food of b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
O-G Packing (moved out of county)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chicochee Fruit Company	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lower Park Winery	0.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paradise Point Winery	187.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Canadajay Wine Co. - Turner Road Vi	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Burt's Northern California	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Speckels Sugar	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dust Office Interiors	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ST&E Plaster	1.92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hopkins Lumber	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
U.S. Linec	9.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JayVie Equipment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ferro Livest	18.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kubota Tractor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oakwood Lute	405.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Beal Logistics	96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Complan, Inc.	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Winemans & Seasons	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ad-Net	5.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Localaid Springs Golf	24.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peppi-Cala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Francisco	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Framington Fresh	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Don Leawey Company	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Xerox Paper & Graphics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Delta Safety, Co	3780	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
International Paper Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pace Supply Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Delta Rubber	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poco Products	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arheuser-Busch	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pacific Supply	232.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ace Tomatis	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Quality Cabinet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Quality Fracture- no longer in business	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C&R Fence	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
National Concrete Cutting	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Goodson Family Winery	0.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eschold Winery	0.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jeff McChesney Construction	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TK&J Associates	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Car Electric	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Arco Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Erie TV Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Better Built & Associates, Inc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Armor Fire Extinguisher Co	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rook Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Skeleton Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
McWay-Vidlar Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Silver Fern Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shoeken Metro Airport	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tiki Legan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
American International	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Phil Alvarez Concrete Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Burns Construction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Year Divided in 2000	5554.97	0	39	0	3545.18	1652.96	82.34	332.37	0	2.34	4303.12	18108.36	74924.79	51121.73	17752.4	9197.04	608.54	135.98	1.28	3.03	20398.29	2400	12.7
Percentages applied to Net Business Tonnage	49.84%	0%	50.16%	0%	50.16%	85.992286	88.528224	172.52210	0%	0.22%	83.04%	181.0836	74.92479	51.12173	17.7524	9.19704	608.54	135.98	1.28	3.03	20398.29	2400	12.7
Completion of Source Reducing and Recycling Figures:	92244	0	92244	0	92244	49.84%	85.992286	88.528224	172.52210	0%	0.22%	181.0836	74.92479	51.12173	17.7524	9.19704	608.54	135.98					